

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20040190649"	US-PGPUB; USPAT	OR	ON	2007/12/20 11:02
S2	6	(receiver) same (timing adj recovery) same (carrier adj recovery) same (automatic adj gain adj control) same (equalization)	US-PGPUB; USPAT	OR	ON	2007/03/15 12:44
S3	1323	(soft) same (hard) same (decision) same (receive\$1)	US-PGPUB; USPAT	OR	ON	2007/03/15 11:12
S4	21	S3 and (375/326)	US-PGPUB; USPAT	OR	ON	2007/03/15 11:13
S5	1	(receiver) same (timing adj recovery) same (carrier adj recovery) same (automatic adj gain adj control) same (equalization) same (slicer)	US-PGPUB; USPAT	OR	ON	2007/03/15 12:47
S6	1	(receiver) same (timing adj recovery) same (carrier adj recovery) same (automatic adj gain adj control) same (equalization) same (soft adj decision)	US-PGPUB; USPAT	OR	ON	2007/03/29 14:04
S7	196	(decision adj device) same (slicer)	US-PGPUB; USPAT	OR	ON	2007/03/15 12:49
S8	20	S7 and (375/326)	US-PGPUB; USPAT	OR	ON	2007/03/15 12:50
S9	11	(slicer) same (decision adj device) same (soft) same (hard)	US-PGPUB; USPAT	OR	ON	2007/03/15 17:36
S10	1	ENDRES\$-THOMAS.inv.	US-PGPUB; USPAT	OR	ON	2007/03/15 18:28
S11	581907	ENDRES\$-THOMAS J.inv.	US-PGPUB; USPAT	OR	ON	2007/03/15 18:28
S12	42	((THOMAS) near2 (ENDRES)).INV.	USPAT	OR	ON	2007/03/15 18:29
S13	15	((CHRISTOPHER) near2 (LONG)).INV.	USPAT	OR	ON	2007/03/15 18:32
S14	0	(control adj1 signal) same (tim\$3 adj recover\$3) same (carrier adj recover\$3) same (AGC) same (equalization)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:12
S15	0	(control adj1 signal) same (tim\$3 adj recovery) same (carrier adj recovery) same (AGC) same (equalization)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:13
S16	0	(control adj signal\$1) same (tim\$3 adj recovery) same (carrier adj recovery) same (AGC) same (equalization)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:15

## EAST Search History

S17	0	(control adj signal\$1) same (tim\$3 adj recovery) same (carrier adj recovery) same (AGC) same (equalization)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:15
S18	11	(tim\$3 adj recovery) same (carrier adj recovery) same (AGC) same (equalization)	US-PGPUB; USPAT	OR	ON	2007/03/19 15:21
S19	5	S18 and (control adj signal\$2)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:28
S20	11	(control adj signal\$1) same (soft) same (hard) same (decision) same (slicer)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:33
S21	0	( deriv\$3 adj control adj signal\$1) same (soft) same (hard) same (decision) same (slicer)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:34
S22	0	( deriv\$3) same (control adj signal\$1) same (soft) same (hard) same (decision) same (slicer)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:35
S23	2	( deriv\$3) same (control adj signal\$1) same (soft) same (hard) same (decision)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:35
S24	18	( deriv\$3) same (control adj signal\$1) same (slicer)	US-PGPUB; USPAT	OR	ON	2007/03/20 11:02
S25	6	(slicer or soft or hard) near (decision) same (deriv\$3) same (control adj signal\$1)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:42
S26	156	(slicer or soft or hard) near (decision) same (control adj signal\$1)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:42
S27	317	(slicer or soft or hard) same (decision) same (control adj signal\$1)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:43
S28	11	(slicer) same (soft) same (hard) same (decision) same (control adj signal\$1)	US-PGPUB; USPAT	OR	ON	2007/03/19 13:43
S29	7	(control\$3) same (tim\$3 adj recovery) same (carrier adj recovery) same (AGC) same (equalization)	US-PGPUB; USPAT	OR	ON	2007/03/19 15:33
S30	1	(deriv\$3) near5 (control\$3) near5 (soft) near5 (hard) near5 (decision)	US-PGPUB; USPAT	OR	ON	2007/03/20 10:53
S31	16	(deriv\$3) near5 (control\$3) near5 (slicer)	US-PGPUB; USPAT	OR	ON	2007/03/19 15:38
S32	3	(deriv\$3) near5 (control\$3) near5 (decision adj3 device)	US-PGPUB; USPAT	OR	ON	2007/03/19 15:40

## EAST Search History

S33	42	(deriv\$3 or generat\$3) near5 (control\$3) same (soft) same (hard) near1 (decision)	US-PGPUB; USPAT	OR	ON	2007/03/20 10:54
S34	7872	( deriv\$3 or generat\$3) same (control adj signal\$1) same (from) adj "2" (slicer)	US-PGPUB; USPAT	OR	ON	2007/03/20 11:05
S35	217	S34 and (soft) same (hard) same (decision)	US-PGPUB; USPAT	OR	ON	2007/03/20 11:03
S36	0	( deriv\$3 or generat\$3) same (control adj signal\$1) same (from) same (hard) same (soft)	US-PGPUB; USPAT	OR	ON	2007/03/20 11:06
S37	5633	( deriv\$3 or generat\$3) same (control adj signal\$1) same (soft or hard or decision)	US-PGPUB; USPAT	OR	ON	2007/03/20 11:19
S38	52	(soft) same (hard) same (decision) same (control adj signal)	US-PGPUB; USPAT	OR	ON	2007/03/20 11:21
S39	0	(control adj1 signal) near3 from near (decision)	US-PGPUB; USPAT	OR	ON	2007/03/29 14:05
S40	0	(control adj1 signal) near3 from near (soft adj4 decision)	US-PGPUB; USPAT	OR	ON	2007/03/29 14:06
S41	36	(hard adj decision) same (soft adj decision) same (control adj1 signal)	US-PGPUB; USPAT	OR	ON	2007/03/29 14:45
S42	18	deriv\$3 same (control adj1 signal) same (slicer)	US-PGPUB; USPAT	OR	ON	2007/03/29 14:49
S43	0	(deriv\$3 adj2 (control adj1 signal) adj1 from adj slicer)	US-PGPUB; USPAT	OR	ON	2007/03/29 14:51
S44	0	(deriv\$3 adj2 (control adj1 signal) adj1 from adj soft)	US-PGPUB; USPAT	OR	ON	2007/03/29 14:51
S45	1	"20060181797"	US-PGPUB; USPAT	OR	ON	2007/03/30 12:37
S46	2	((control adj1 signal\$1) or control\$3) same (error adj term) same (combin\$3 adj1 weight)	US-PGPUB; USPAT	OR	ON	2007/12/20 11:24
S47	11	((control adj1 signal\$1) or control\$3) same (error adj term) and (combin\$3 adj1 weight)	US-PGPUB; USPAT	OR	ON	2007/12/20 13:04
S48	3	((control adj1 signal\$1) or control\$3) and (error adj term) same (combin\$3 adj1 weight)	US-PGPUB; USPAT	OR	ON	2007/12/20 13:05
S49	1	((control adj1 signal\$1) or control\$3) and (candidate adj1 error) same (combin\$3 adj1 weight)	US-PGPUB; USPAT	OR	ON	2007/12/20 13:06
S50	1	((control adj1 signal\$1) or control\$3) and (candidate adj1 error) same (combin\$3 adj1 weight)	US-PGPUB; USPAT	OR	ON	2007/12/20 13:07

## EAST Search History

S51	2	((control adj1 signal\$1) or control\$3) and (candidate adj1 error) and (combin\$3 adj1 weight)	US-PGPUB; USPAT	OR	ON	2007/12/20 13:07
S52	2	((control adj1 signal\$1) or control\$3) and (candidate near5 error adj3 term) and (combin\$3 near5 weight)	US-PGPUB; USPAT	OR	ON	2007/12/20 13:10
S53	955	((control adj1 signal\$1) or control\$3) and ((error adj3 term) or (error near5 (calculat\$3 or determin\$3))) and (combin\$3 near5 weight)	US-PGPUB; USPAT	OR	ON	2007/12/20 13:13
S54	51	((control adj1 signal\$1) or control\$3) and ((error adj3 term) or (error near5 (calculat\$3 or determin\$3))) same (combin\$3 near5 weight)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:30
S55	4	(received adj1 signal) same (adjust\$3 near2 sampling adj1 phase with frequency)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:38
S56	404	(adjust\$3 or correct\$3 or regulat\$3) near5 (sampling near5 phase near5 frequency)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:46
S57	203	(adjust\$3 or correct\$3 or regulat\$3) near5 (sampling near2 phase near2 frequency)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:46
S58	133	(adjust\$3 or correct\$3 or regulat\$3) near5 (sampling near1 phase near1 frequency)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:46
S59	58	(adjust\$3 or correct\$3 or regulat\$3) near2 (sampling near1 phase near1 frequency)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:46
S60	49	(adjust\$3 or correct\$3 or regulat\$3) near1 (sampling near1 phase near1 frequency)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:47
S61	49	(adjust\$3 or correct\$3 or regulat\$3) near1 (sampling near1 phase near1 frequency) and (received signal)	US-PGPUB; USPAT	OR	ON	2007/12/20 16:13
S62	6	S61 and (375/326)	US-PGPUB; USPAT	OR	ON	2007/12/20 15:57
S63	3	(adjust\$3 or correct\$3 or regulat\$3) near1 ((sampling near1 phase near1 frequency) near2 data) and (received signal)	US-PGPUB; USPAT	OR	ON	2007/12/20 16:13